

WHAT IS CLAIMED IS:

1. A display apparatus comprising:

a panel substrate as a display screen;

a plurality of display devices arranged in a matrix configuration on a surface of said panel substrate opposite to the panel substrate surface operating as a display screen; and

a drive circuit substrate arranged on said panel substrate and having a drive circuit for driving each display element;

an area of said panel substrate carrying said display devices being sub-divided into a plurality of sub-areas by a plurality of driving lines adapted for driving said display devices;

there being provided a plurality of said drive circuit substrates associated with said sub-areas.

2. The display apparatus according to claim 1 wherein said drive circuit substrates are arranged on the surface of said panel substrate carrying said display devices and are connected with bumps to said display devices through terminals.

3. The display apparatus according to claim 1 wherein said drive circuit substrates are interconnected in cascade connection to drive said display devices responsive to picture signals supplied from a signal furnishing device.

4. The display apparatus according to claim 1 wherein said display devices are arranged in a passive matrix system.

5. The display apparatus according to claim 1 wherein said display devices are organic electroluminescence devices.

6. The display apparatus according to claim 5 wherein each organic electroluminescence device includes

a transparent substrate;

an electrode film formed on said transparent substrate;

a transparent electrode film formed on said electrode film;

a first insulating film formed on said transparent electrode film and having an opening over said transparent electrode film;

an organic electroluminescence light emitting film formed over a portion of said transparent electrode film exposed from said opening in said first insulating film, said organic electroluminescence light emitting film being larger in size than said opening and being formed over said first insulating film;

a metal electrode film formed on said organic electroluminescence light emitting film; and

a second insulating film formed on said metal electrode film so as to be larger in size than both said organic electroluminescence light emitting film and said metal electrode film;

said first and second insulating films exhibiting gas barrier characteristics;

said opening being tapered so that its opening degree is increased in a direction away from the side transparent electrode film;

09927516.081304  
T08T80" 9T522660

said transparent electrode film being electrically connected through said electrode film to a first electrode passed through said first and second insulating films formed so as to be exposed on said second insulating film, said metal electrode film being electrically connected to a second electrode passed through said second insulating film formed so as to be exposed on said second insulating film.

7. The display apparatus according to claim 6 wherein

said electrode film is made in the form of a comb or a ladder.

8. The display apparatus according to claim 6 wherein

said organic electroluminescence light emitting film is of a multi-layered structure including a positive hole transporting layer and a light emitting layer.

9. The display apparatus according to claim 1 wherein

said display device is a light emitting diode.

10. The display apparatus according to claim 1 wherein

said display device is a plasma device.

11. The display apparatus according to claim 1 wherein

said display device is a liquid crystal device formed of a liquid crystal material.